BRUHAT BENGALURU MAHANAGARA PALIKE

Name of Work:- Providing Drinking Water Supply in ward No.17

	Job Number:017-20-000025							Est .Cost Rs.	20.00 Lakhs
Sl No	Description of Items	Unit	No	L (M)	B (M)	D (M)	Qty	Rate	Amount
1	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. (KPWD SR Pg No-6, Item No-2.4)								
		Cum							
			1	1058.00	0.60	0.60	380.88		
							380.88	**475.94**	**181276.03**
	Basic Rate	449.00							
	Area weightage @ 6%	26.94							
	Total	**475.94**							
2	KSRB13-8 : Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection KSRB13-8.6 : -do- 63mm (KPWD SR 2018-19 Pg No-96, I.No.13.70.2)								
		Mtr							
			1	1058.00			1058.00		
							1058.00	**314.82**	**333079.56**
	Basic Rate	297.00							
	Area weightage @ 6%	17.82							
	Total	**314.82**							
3	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) 20mm nominal OD pipes (KPWD SR 2018-19 Pg No-98, I.No.13.85.2)								
		Mtr							
	Distribution line		1	1058.00			1058.00		
	Tap connection		100	6.00			600.00		
							1658.00	**166.42**	**275924.36**
	Basic Rate	157.00							
	Area weightage @ 6%	9.42							
	Total	**166.42**							
4	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (KPWD SR 2018-19 Pg No-78, I.No.2.11)								

Job Number:017-20-000025						Est .Cost Rs.		20.00 Lakhs
Sl No	Description of Items	Unit	No	L (M)	B (M)	D (M)	Qty	Rate	Amount
		Cum							
	Qty vide Item No.1						**380.88**	**128.26**	**48851.67**
	Basic Rate	121.00							
	Area weightage @ 6%	7.26							
	Total	**128.26**							
5	C.I wheel of approved quality (screwed end) nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3 KSRB13-6.3-6 - do - 50 mm dia nominal (KPWD SR 2018-19 Pg No-94, I.No.13.37)								
		Each							
			20				**20.00**	**1843.34**	**36866.80**
	Basic Rate	1739.00							
	Area weightage @ 6%	104.34							
	Total	**1843.34**							
6	KSRB13-4.1 : Making connection of G.I distribution branch with G.I main of 25 to 40mm nominal bore, including cutting and threading the pipes, providing and fixing Tee, nuts, labour for all item of works, testing and HOM complete as per specifications. Specification No.KBS 13.10 (KPWD SR 2018-19 Pg No-93, I.No.13.20)								
		No's							
			100	1.20			**120.00**	**511.98**	**61437.60**
	Basic Rate	483.00							
	Area weightage @ 6%	28.98							
	Total	**511.98**							
7	KSRB13-6.2 : Providing and fixing in position brass stop cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 (KPWD SR 2018-19 Pg No-93, I.No.13.26)								
		Each							
			100				**100.00**	**149.46**	**14946.00**
	Basic Rate	141.00							
	Area weightage @ 6%	8.46							
	Total	**149.46**							
8	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (KPWD SR 2018-19 Pg No-13, I.No.4.3)								
		Cum							
			1	1058.00	0.50	0.15	**79.35**	**5408.12**	**429134.32**
	Basic Rate	5102.00							
	Area weightage @ 6%	306.12							
	Total	**5408.12**							

	Job Number:017-20-000025						Est .Cost Rs.		20.00 Lakhs
Sl No	Description of Items	Unit	No	L (M)	B (M)	D (M)	Qty	Rate	Amount
9	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2(KPWD SR 2018-19 Pg No-13, I.No.4.6)								
		Cum							
			1	1058.00	0.50	0.10	**52.90**	**5747.32**	**304033.23**
	Basic Rate	5422.00							
	Area weightage @ 6%	325.32							
	Total	**5747.32**							
	Basic Cost (A)								**1685549.57**
	Tender Premium at 5% (B)								**84277.48**
	Sub Total (C)								**1769827.04**
	Adding GST at 12% on (C)								**212379.25**
	Project Management Consultancy 1%								**16855.50**
	Miscellaneous								**938.21**
	Total								**2000000.00**
	Rupees Twenty Lakhs only								

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2018-19
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No- 17
BBMP

Asst Executive Engineer
yeshwanthpur Sub Division
BBMP

Executive Engineer
Rajarajeshwari nagar-Division
BBMP

ನಂ.: 62 ದಿನಾಂಕ: 27/5/2020
ರೂ. Rupees twenty lakhs Only [20,00,000/-]
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜುರಾತಿ ನೀಡಿದೆ.

ನಂ.: 32 ದಿನಾಂಕ: 27/5/2020
ರೂ. Rupees twenty lakhs Only [20,00,000/-]
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜುರಾತಿ ನೀಡಿದೆ.
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ರಾಜ.
ನಗರ ವಿಭಾಗ, ಬೆಂ.